IN THE CLAIMS

Please amend the claims as follows:

1-21. (Canceled)

22. (Currently Amended) A method, comprising:

storing an executable program in an implantable pulse generator, wherein the executable program includes at least one programmable parameter having a first state;

storing a parameter log in the implantable pulse generator;

detecting an ~~accidental~~ error in a change in the first state of the at least one programmable parameter to a second state; and

storing in the parameter log the first state of the at least one programmable parameters ~~accidentally~~ changed in error to the second state.

23. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting one of an ~~accidental~~ error in a deactivation of the executable program and an ~~accidental~~ error in an activation of the executable program.

24. (Original) The method of claim 22, wherein storing the parameter log includes:

establishing a communication link between the implantable pulse generator and a medical device programmer; and

transmitting the parameter log stored in the implantable pulse generator to the medical device programmer.

25. (Original) The method of claim 24, wherein establishing the communication link includes:

transmitting a first signal from the medical device programmer to change the first state of the one or more programmable parameters to the second state; and

receiving the first signal to change the first state of the one or more programmable parameters to the second state.

26. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting a non-programmer initiated change from the first state of the one or more programmable parameters to the second state.

27. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting a change in state associated with an expiration of energy supplied by a battery in the implantable pulse generator.

28. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting execution of an electronic circuitry reset program.

29. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting termination of the executable program.

30. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting use of a magnetic signal to control operation of the implantable pulse generator.

31. (Original) The method of claim 22, wherein storing includes recording execution of an integrity correction program in the implantable pulse generator.

32. (Currently Amended) The method of claim 22, wherein detecting the ~~accidental~~ error in a change includes detecting a change due to an influence external to the implantable pulse generator.

33. (Withdrawn) A system including an implantable pulse generator, programmer and a communication link between the implantable pulse generator and the programmer, the implantable pulse generator comprising:

an executable program in an implantable pulse generator, wherein the executable program includes one or more programmable parameters having a first state and a second state;

a parameter log for storing a change in a state of the one or more programmable parameters;

the programmer comprising means for producing a first signal to change the first state of the one or more programmable parameters to the second state, the first signal being transmitted to the implantable pulse generator by the communication link; and

the implantable pulse generator further comprising:

means for receiving the first signal to change the first state of the one or more programmable parameters to the second state; and

means for detecting a change in the first state of the one or more programmable parameters to the second state, the change being stored in the parameter log, wherein the means for detecting includes means for detecting a change includes means for detecting an accidental change from the first state of the one or more programmable parameters.

34. (Canceled)

35. (Withdrawn) The system of claim 33, wherein the means for detecting includes means for detecting a non-programmer initiated change from the first state of the one or more programmable parameters.

36. (Withdrawn) A method, comprising:

storing an executable program in a cardiac rhythm management device, wherein the cardiac rhythm management device includes a parameter log and the executable program includes one or more programmable parameters having a first state;

transmitting a signal from a medical device programmer to change the first state of at least one programmable parameter to a second state;

detecting a change of the at least one programmable parameter to the second state; and

storing in the parameter log the first state of the at least one programmable parameters changed to the second state.

37. (Withdrawn) The method of claim 36, wherein storing the executable program includes storing the executable program in an implantable device.

38. (Withdrawn) The method of claim 36, wherein detecting the change of the at least one programmable parameter to the second state includes detecting a change due to an influence external to the cardiac rhythm management device.

39. (Withdrawn) A cardiac rhythm management device, comprising:

a sensor for sensing cardiac signals;

an electrical pulse generation circuit;

a control circuit operable connected to both the sensor to receive sensed cardiac signals and the electrical pulse generation circuit;

a memory operably connected to the control circuit, wherein the memory stores data indicative of sensed cardiac signals, an executable program used by the control circuit, parameters for the executable program, a device activity log, and a parameter change log; and means for detecting an accidental change in a first state of at least one programmable parameter to a second state.

40. (Withdrawn) The device of claim 39, wherein the parameter change log stores a first state of a parameter when the parameter is changed to a second state.

41. (Withdrawn) The device of claim 40, wherein the sensed cardiac data includes arrhythmic episodes, and wherein the device activity log stores information related to one or more electrical energy shocks delivered by the pulse generation circuit.

42. (Currently Amended) An implantable pulse generator, comprising:

means for storing an executable program that includes at least one programmable parameter having a first state;

means for storing a parameter log in the implantable pulse generator;

means for detecting an ~~accidental~~ error in a change in the first state of the at least one programmable parameter to a second state; and

means for storing in the parameter log the first state of the at least one programmable parameters ~~accidentally~~ changed in error to the second state.

43. (Currently Amended) The implantable pulse generator of claim 42, wherein the means for storing in the parameter log the first state of the at least one programmable parameters ~~accidentally~~ changed in error to the second state includes means for transmitting the first state data to a programmer.